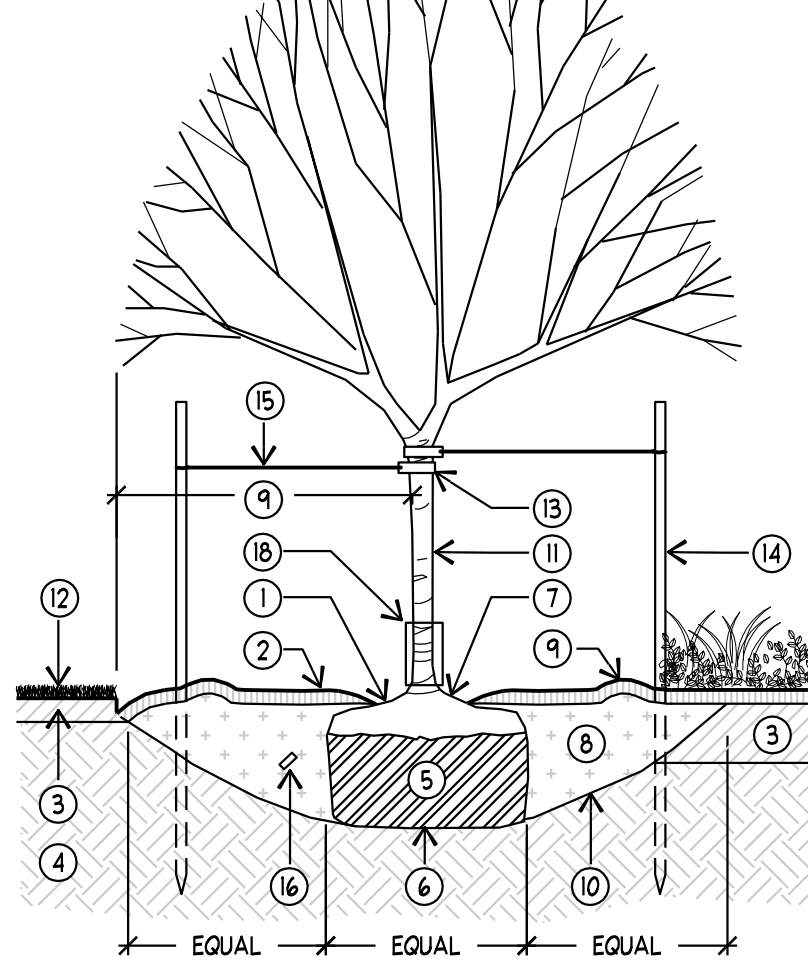
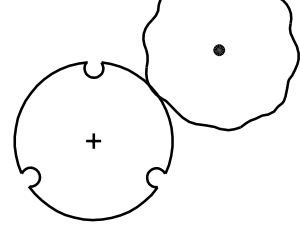



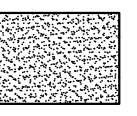
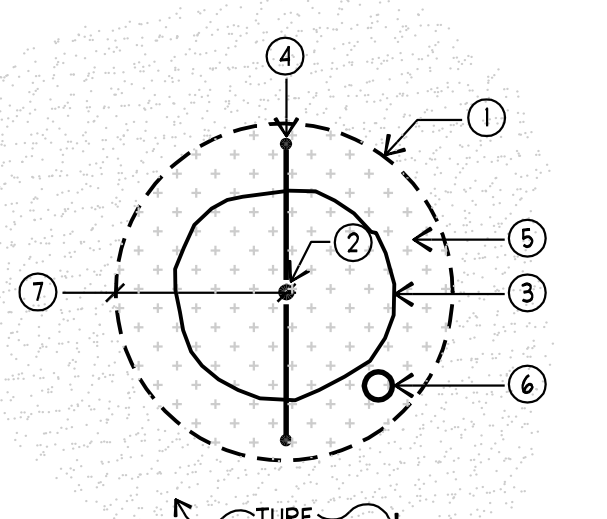
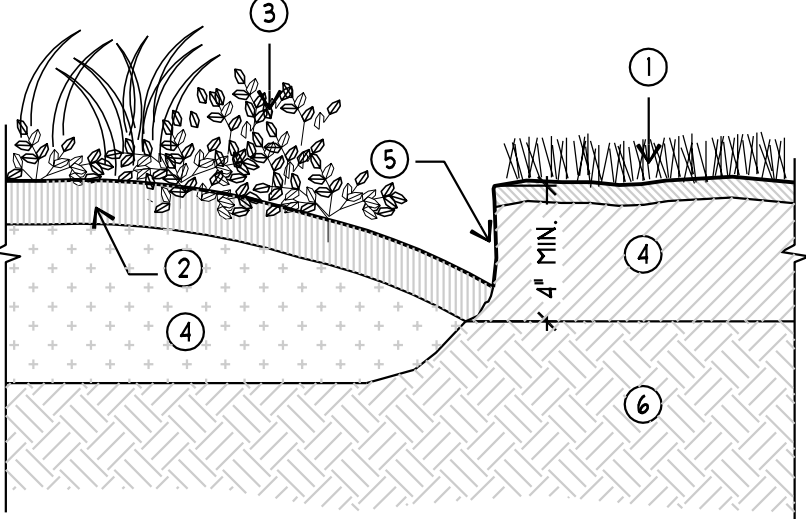


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NEW IRRIGATION SYSTEM	F	DECIDUOUS TREE WITH STAKING	C	PLANTING SCHEDULE	A
<div>1. CONTRACTOR TO INSTALL A COMPLETE NEW AND OPERATIONAL IRRIGATION SYSTEM WITHIN THE LIMIT OF WORK. INSTALL ALL SPRINKLER HEADS WITH NOZZLES OF THE APPROPRIATE DEGREE AND RADIUS FOR THE AREA TO BE COVERED. ADJUST ALL NOZZLES TO ELIMINATE SPRAYING ONTO WALKS, BUILDINGS, ETC.</div> <div>2. CONTRACTOR TO MAINTAIN OPERATING PRESSURE FOR EACH ZONE TO THE LAST HEAD.</div> <div>3. THE IRRIGATION CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS AND UNDER PAVING.</div> <div>4. INSTALL CHECK VALVE PER LEGEND AS NEEDED TO PREVENT HEAD DRAINAGE FROM BUBBLING, SPRAY HEADS AND DRIP EMITTERS.</div> <div>5. MINIMUM SIZE PIPE ON ANY CIRCUIT IS 3/4".</div> <div>6. NEW IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: IRRIGATION MAINLINES AND LATERAL LINES, IRRIGATION VALVES AND CONTROL WIRING, IRRIGATION CONTROLLER, ELECTRICAL CONNECTION, BACKFLOW PREVENTER, GATE VALVE, , SLEEVEING, ISOLATION VALVES, QUICK COUPLING VALVES, VALVE BOXES, AND IRRIGATION HEADS.</div> <div>7. IRRIGATION SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.</div> <div>9. ALL IRRIGATION EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURES SPECS.</div> <div>10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION FOR APPROVAL BY OWNER'S REPRESENTATIVE.</div> <div>11. ONCE COMPLETE CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS TO OWNER.</div>		<div>NOTES: 1. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER. 2. REMOVE ALL LABELS, WIRES, ETC. FROM THE TREE'S STEM. 3. PLANT TREE PLUMB. 4. FOR TREES LOCATED IN ROCK MULCH AREAS: USE TYPE-2 ROCK MULCH WITHIN DRIP LINE, SEE SPECS.</div> <div></div> <div>1 MULCH 1" TO 2" BACK FROM TRUNK 2 MULCH OVER WEED BARRIER - SEE SPECS. 3 AMENDED TOPSOIL- SEE TOPSOIL MIX NOTES SHT. L-L02 DTL. B 4 UNDISTURBED SUBGRADE 5 IF THE TREE IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT BALL 6 SET ROOTBALL ON UNDISTURBED SUBGRADE 7 TRUNK FLAIR- SET 1" TO 2" ABOVE FINISH GRADE 8 MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL. BACKFILL WITH 1/2 TOPSOIL BORROW FROM PIT AND 1/2 AMENDED TOPSOIL - SEE TOPSOIL MIX NOTES SHT. L-L02 DTL. B 9 REMOVE SOD AT DRIPLINE OF TREE TO FORM TREE WELL OR A MIN. WIDTH OF 3'-0" DIA. 10 ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12" LIFTS 11 IF PLANTED IN LATE FALL, WRAP TRUNK, STARTING AT THE BOTTOM TO THE FIRST SET OF BRANCHES. REMOVE THE WRAP SPRING, AFTER THE LAST FROST. ONLY WRAP IF SUN HITS ITS TRUNK IN WINTER. DO NOT PLANT LAWN IN TREE PIT 12 3" OR WIDER NYLON WEBBING W/ METAL GRADIENTS 13 6'-0" X 2" DIA. ROUND WOOD STAKES, TWO PER TREE (THE STAKES SHALL BE PLUMB AND SET AT THE SAME HEIGHT) 14 DOUBLE STRAND PLIABLE NO. 10-GAGE GALVANIZED STEEL WIRE OR VINYL-COATED STEEL WIRE, DO NOT PULL TAUT 15 FERTILIZER TABLET - SEE SPECS. 16 EDGE OF WALK OR CURB 17 TREE GAUARD ON ALL TREES IN TURF / GRASS SEED AREAS</div>		<div><div><div><div><div>DECIDUOUS TREES</div><div></div></div><div><div>BOTANICAL</div><div>Malus x 'Indian Magic'</div><div>Indian Magic Crab Apple</div><div>COMMON</div><div>CONT</div><div>CAL</div><div>QTY *</div><div>B 4 B 2' 28</div></div><div><div><div>Pyrus calleryana 'Bradford'</div><div>Bradford Flowering Pear</div><div>B 4 B 2' 25</div></div></div><div><div><div>SHRUBS</div><div></div></div><div><div><div>Coryopteris clandonensis 'Dark Knight'</div><div>Blue Mist Shrub</div><div>5 gal 17</div></div><div><div><div>Cytisus x 'Lilac Time'</div><div>Lilac Time Broom</div><div>5 gal 60</div></div><div><div><div>Juniperus communis -</div><div>Common Juniper</div><div>5 gal 7</div></div><div><div><div>Rhamnus frangula 'Columnaris'</div><div>Tall-hedge Buckthorn</div><div>5 gal 6</div></div><div><div><div>Rhus aromatica 'Gro-Low'</div><div>Gro-Low Fragrant Sumac</div><div>5 gal 54</div></div><div><div><div>Ribes alpinum</div><div>Alpine Currant</div><div>5 gal 57</div></div><div><div><div>Rosa shrub 'Knock Out'</div><div>Knock Out Rose</div><div>18"-24" 31</div></div><div><div><div>Symphoricarpos albus</div><div>Common White Snowberry</div><div>5 gal 11</div></div><div><div><div>Yucca filamentosa 'Color Guard'</div><div>Adam's Needle</div><div>5 gal 5</div></div></div></div><div><div><div>GRASSES</div><div></div></div><div><div><div>Calamagrostis acutifolia 'Karl Foerster'</div><div>Foerster's Reed Grass</div><div>5 gal 8</div></div><div><div><div>Miscanthus sinensis 'Gracillimus'</div><div>Maiden Grass</div><div>5 gal 16</div></div><div><div><div>Pennisetum alopecuroides 'Hameln'</div><div>Hameln Dwarf Fountain Grass</div><div>5 gal 176</div></div></div><div><div><div>PERENNIALS</div><div></div></div><div><div><div>Echinacea purpurea</div><div>Purple Coneflower</div><div>1 gal 18</div></div><div><div><div>Heemerocallis hybrid 'Stella de Oro'</div><div>Stella de Oro Daylily</div><div>1 gal 228</div></div></div><div><div><div>GROUND COVERS</div><div></div></div><div><div><div>Turf-Grass **</div><div>Turf-Grass</div><div>sod 7,175 sf</div></div></div></div><div><div>*Contractor to verify quantities, for reference only.</div><div>**Use "Drought Tolerant Sod/Seed" from Chanshore Farms, "Bluebe" from Blagross Sod Farms or approved equal. Proposed substitutions must be submitted in written form by the contractor and approved in writing by the owner's representative.</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>	
EXISTING IRRIGATION SYSTEM - OVERALL:	G				
<div>1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD WORKING CONDITION TO ENSURE THAT EXISTING PLANT MATERIAL RECEIVES THE PROPER AMOUNT OF WATER DURING ALL PHASES OF CONSTRUCTION.</div> <div>2. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION.</div> <div>3. MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: REROUTING EXISTING IRRIGATION MAINLINES AND LATERAL LINES, RELOCATING EXISTING IRRIGATION VALVES AND CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION HEADS.</div> <div>4. THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-WATER EXISTING PLANT MATERIAL AS REQUIRED IF THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE.</div>					
		TREE IN TURF	D	TOPSOIL MIX NOTES	B
		<div></div> <div>1 TURF EDGE (E L-L02) 2 TREE TRUNK 3 ROOTBALL 4 STAKING SYSTEM- LOCATE STAKES WITHIN THE TURF EDGE 5 MULCH AS SPECIFIED 6 ACCENT LIGHTING- IF USED, LOCATE ACCENT LIGHTS WITHIN THE TURF EDGE 7 REMOVE SOD AT DRIPLINE OF TREE- MIN. WIDTH OF 3'-0" DIA.</div>		<div>1. TOPSOIL BORROW*</div> <div>* REFER TO PLANTING NOTES FOR INFORMATION ABOUT REQUIRED DEPTH. REFER TO SPECS FOR INFORMATION ABOUT AMENDED TOPSOIL BORROW.</div> <div>A. TOPSOIL BORROW SHALL BE "FINE SANDY LOAM" OR "SANDY LOAM" DETERMINED BY MECHANICAL ANALYSIS (ASTM D-22) AND BASED ON THE "USDA CLASSIFICATION SYSTEM."</div> <div>SOIL COMPONENT PERCENTILE RANGE: SAND 20 TO 70 SILT 20 TO 70 CLAY 10 TO 30</div> <div>B. TOPSOIL BORROW SHALL NOT CONTAIN LESS THAN FOUR PERCENT (4%) NOR MORE THAN EIGHT PERCENT (8%) ORGANIC MATTER AS DETERMINED BY THE LOSS ON IGNITION OF OVEN-DRIED SAMPLES.</div> <div>C. THE ACIDITY RANGE OF THE TOPSOIL SHALL BE PH 5.5 TO 7.5.</div> <div>D. TOPSOIL BORROW SHALL BE FREE OF STONES 1 INCH OR LARGER IN ANY DIMENSION AND OTHER EXTRANEEOUS MATERIALS HARMFUL TO PLANT GROWTH. SOLUBLE SALTS (DS/M OR MMH/CM) AND SODIUM ABSORPTION RATION (SAR) (EC2) OF A 1:2 SOIL-WATER SUSPENSION SHALL BE EQUAL TO OR LESS THAN 1.0 MILLIMHOS/CM. (TEST MINUS SIEVE NUMBER 10 MATERIAL).</div> <div>GRADING, TOPSOIL PLACEMENT AND COMPACTED SOILS:</div> <div>1. TOPSOIL BORROW SHALL BE PLACED BY THE LANDSCAPE CONTRACTOR.</div> <div>2. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IN THE PRE-CONSTRUCTION AND CONSTRUCTION MEETINGS WHEN COMPACTED SOILS ARE ENCOUNTERED DURING CONSTRUCTION.</div> <div>3. COMPACTED SOILS IN TURF AREAS MAY BE EVIDENCED BY POOR DRAINAGE, AREAS WHERE TURF IS UNABLE TO BECOME ESTABLISHED, OR AREAS WHERE TURF IS UNABLE TO RECOVER AFTER EXTENDED USE. THE FOLLOWING PROCEDURE SHALL BE FOLLOWED TO MITIGATE COMPACTED SOILS.</div> <div>A. SUB GRADE SHALL BE PREPARED BY ROUGH GRADING AND REMOVING ALL IRREGULARITIES AND DEBRIS, FOLLOWED BY ROTO-TILLING (SCARIFYING) OF SUBSOIL TO A DEPTH OF 6-INCHES BEFORE PLACING TOPSOIL. SUB GRADE SHALL BE EXCAVATED TO REQUIRED DEPTHS IN SHRUB BEDS PRIOR TO PLACEMENT OF TOPSOIL. PROVIDE LASER LEVELING ON LARGE FLAT AREAS TO CREATE A UNIFORM LEVEL SUB GRADE. DO NOT ALLOW SUB GRADE AREAS THAT HAVE BEEN PREPARED TO BECOME RE-COMPACTED.</div> <div>B. PLACE 6-INCHES OF TOPSOIL OVER ALL TURF AREAS AND 12-INCHES IN SHRUB AREAS UNLESS SPECIFIED OTHERWISE ON DRAWINGS.</div> <div>C. SOIL AMENDMENTS AND FERTILIZERS SHALL BE PLACED AT THE APPLICATION RATES INDICATED IN THE SPECIFICATIONS. A LOW-SALT, QUALITY COMPOST SHALL BE ROTO-TILLED INTO THE TOP 3-INCHES OF TOPSOIL AT A RATE OF 3 CU. YRDS. PER 1000 SQ. FT. TILLED. COMPOST SHALL MEET THE GUIDELINES DEFINED IN "COMPOST QUALITY GUIDELINES FOR LANDSCAPING" BY ISAMAN, KOENING, CERNY, USU EXTENSION, MARCH 3, 2003.</div> <div>D. BRING AREAS TO UNIFORM GRADE BY FLOATING AND/OR HAND RAKING AFTER ROTO-TILLING IS COMPLETED. IN LARGE OPEN LEVEL AREAS, PERFORM LASER LEVELING TO CREATE UNIFORM LEVEL AREAS.</div> <div>E. MAKE ADJUSTMENTS TO FINISH GRADES AS DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER. WASTE MATERIALS OVER 1" IN DIA. SUCH AS STONES, ROOTS, OR OTHER DETRITUS SHALL BE REMOVED AS PART OF FINISH GRADING.</div> <div>F. GRADING AND PLACEMENT OF TOPSOIL ETC. SHALL NOT BE UNDERTAKEN WHEN SOILS ARE WET OR FROZEN.</div> <div>EXTENSIVE COMPACTED SOILS:</div> <div>1. IN SITE CONSTRUCTION AND STAGING AREAS, ABANDONED ROADS AND PARKING LOTS COMPACTED BY USE, SOIL SHALL BE STRUCTURALLY RENOVATED (TILLED), OR REMOVED AND REPLACED TO A DEPTH OF 30-INCHES WITH AN ACCEPTABLE GROWING MEDIUM TO SUPPORT THE LANDSCAPE DEVELOPMENT.</div> <div>2. FINAL DETERMINATION FOR AREAS OF COMPACTED SOILS TO BE REBUILT SHALL BE RESERVED FOR THE OWNER AND/OR OWNER'S REPRESENTATIVE.</div>	
		SHOVEL TURF EDGE	E		
		<div></div> <div>1 GRASS OR TURF 2 MULCH AS SPECIFIED 3 SHRUB BED 4 TOPSOIL LAYER 5 SHOVEL EDGE 6 SUBGRADE</div>			